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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/955,167	09/19/2001	Martin Botteck	1123.40679X00	8318

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EXAMINER

RAMAKRISHNAIAH, MELUR

ART UNIT PAPER NUMBER

2643

DATE MAILED: 05/12/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/955,167

Applicant(s)

BOTTECK, MARTIN

Examiner

Melur Ramakrishnaiah

Art Unit

2643

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 September 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-71 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-71 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>8</u> . | 6) <input type="checkbox"/> Other: _____ |

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-15, 16, 17-71, are rejected under 35 U.S.C 102(b) as being anticipated by Hall et al. (WO 00/51293, hereinafter Hall).

Regarding claim 1, Hall discloses a method for distributed execution of tasks by means of a personal digital mobile device (PDMD) in a low power radio network (LPRN), comprising the steps of: generating a task in the PDMD (100, fig. 1), storing the task in the PDMD (fig. 1, page 8 lines 1-11), establishing a link between the PDMD and the LPRN (330, fig. 3) to detect a match of the task stored in the PDMDs and tasks executable by a device (310, fig. 3), transferring the task stored in the PDMD to a device able to execute the task, if the ability to execute a task which matches the task stored in the PDMD is detected, and executing the task in the device able to execute the task (page 11, line 9-page 15, line 24, figs. 3, 5).

Regarding claim 16, Hall further discloses a personal mobile device, comprising: low power radio transceiver to receive and transmit tasks from the devices, storage means (700, fig. 7) to store the tasks, displaying means (750a, fig. 7) to display status information of the device or task, computing means in (700, fig. 7), detecting means (750, fig. 7), to detect location of other devices (page 17, line 25 – page 19, line 3).

Art Unit: 2643

Regarding claims 2-15, 17-71, Hall further teaches the following: link is established by the PDMD by broadcasting task related information (page 8 lines 23-30), link is established by the devices able to execute tasks by broadcasting information related to their ability to execute tasks (page 11 line 30, page 12 lines 1-5), task is generated in the PDMD (100, fig. 1) by transferring the task from a first device in the local range of the LPRN to the PDMD via the LPRN, determining if the task stored in the PDMD is to be transferred to the device able to execute the task (page 8 lines 1-11), determination step comprises an authentication operation between the PDMD and the device able to execute the task, authentication operation is performed by bonding, at least part of the transfers between the PDMD (300, fig. 3) and the device (310, fig. 3) able to execute the task is encrypted (page 13 lines 4-12), step of transmitting a confirmation from the device executing the task to the PDMD, confirmation comprises a result of the task, displaying the confirmation on the PDMD (this is implied in much as the reference teaches printer sending SMS message to the user of PDMD 300, page 15 lines 14-17), displaying the status information of the device able to execute the task, and waiting for user input for continuing or breaking off (page 9 lines 27-31, page 10 lines 1-3, fig. 6 page 16 lines 27-30, page 17 lines 1-24), step of physically moving the PDMD (page 15 lines 2-3), program/program product is run on a personal digital mobile device, a computer, or a network device (figs. 5-6), task is generated by PDMD by transferring a task from a first device in the local range of the LPRN to the PDMD via LPRN, step of determining if the task stored in the PDMD is to be transferred to the device able to execute the task (page 8 lines 1-11), step of transmitting a confirmation

Art Unit: 2643

from the device executing the task to the PDMD , displaying the conformation on the PDMD (this is implied in much as the reference teaches printer sending SMS message to the user of PDMD 300, page 15 lines 14-17),waiting for the user input for continuing or breaking off (page 9 lines 27-31, page 10 lines 1-3, and fig. 6 page 16 lines 27-30, page 17 lines 1-24).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Melur Ramakrishnaiah whose telephone number is (703) 305-1461. The examiner can normally be reached on M-F 6:30-4:00; every other F Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curtis Kuntz can be reached on (703)305-4708. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Melur Ramakrishnaiah
Primary Examiner
Art Unit 2643